



Attorney's Docket No. 9220-2

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Edelsbrunner et al.

Serial No.: 09/607,122

Filed: June 29, 2000

For: METHODS, APPARATUS AND COMPUTER PROGRAM PRODUCTS FOR
AUTOMATICALLY GENERATING NURBS MODELS OF TRIANGULATED
SURFACES USING HOMEOMORPHISMS

Group Art Unit: 2123

Examiner: Samuel Broda

Confirmation No.: 7255

Date : April 13, 2004

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Technology Center 2100

SUBMITTAL OF FORMAL DRAWINGS

Sir:

There is enclosed herewith one set (14 sheets) of new formal drawings. It is requested that these new drawings be substituted for the originally filed informal drawings.

If any extension of time for the accompanying response or submission is required, Applicant requests that this be considered a petition therefor. The Commissioner is hereby authorized to charge any additional fee, which may be required, or credit any refund, to our Deposit Account No. 50-0220.

Respectfully submitted,

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CERTIFICATE OF MAILING UNDER 37 CFR 1.8 (or 1.10)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 13, 2004.

Candi L. Riggs

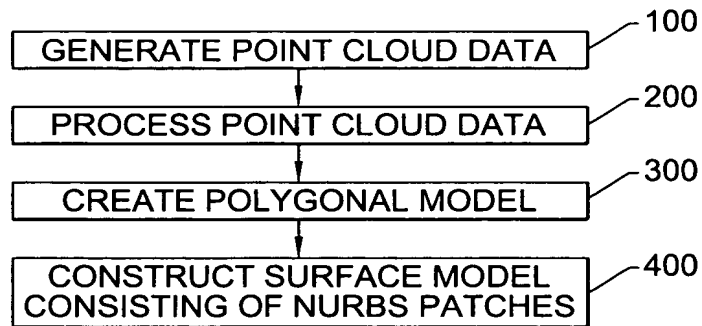


FIG. 1

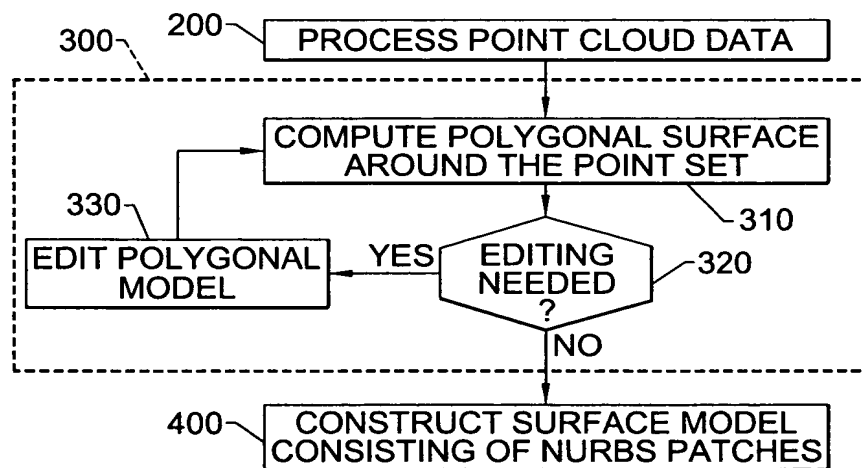


FIG. 2

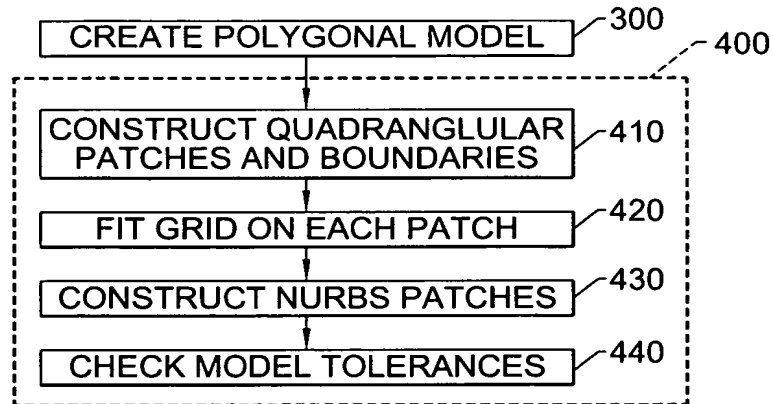


FIG. 3

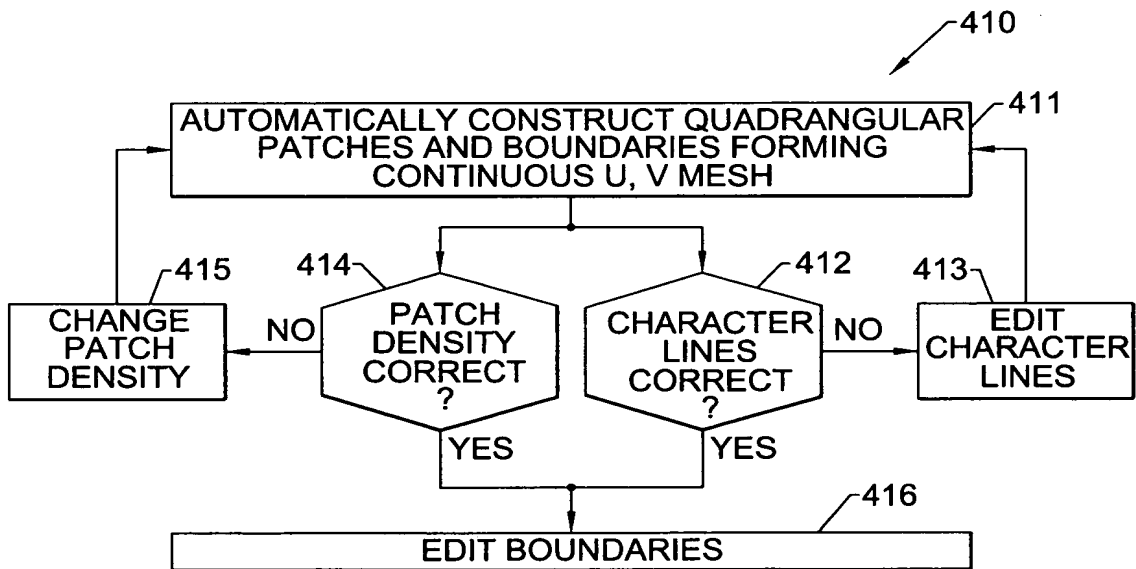


FIG. 4

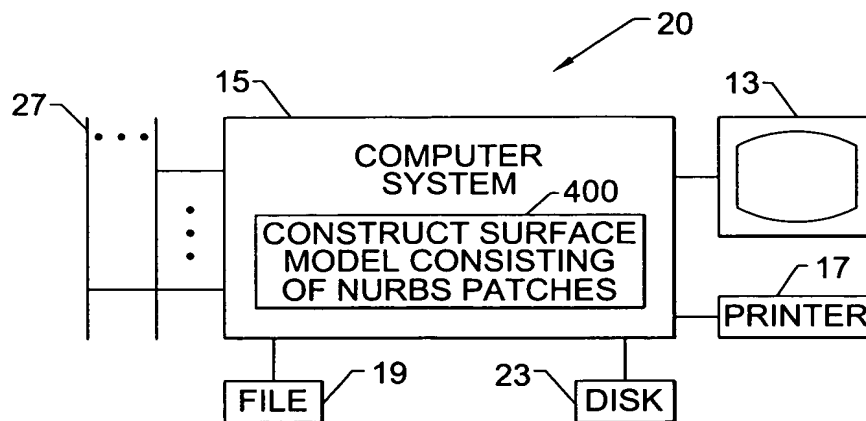


FIG. 5

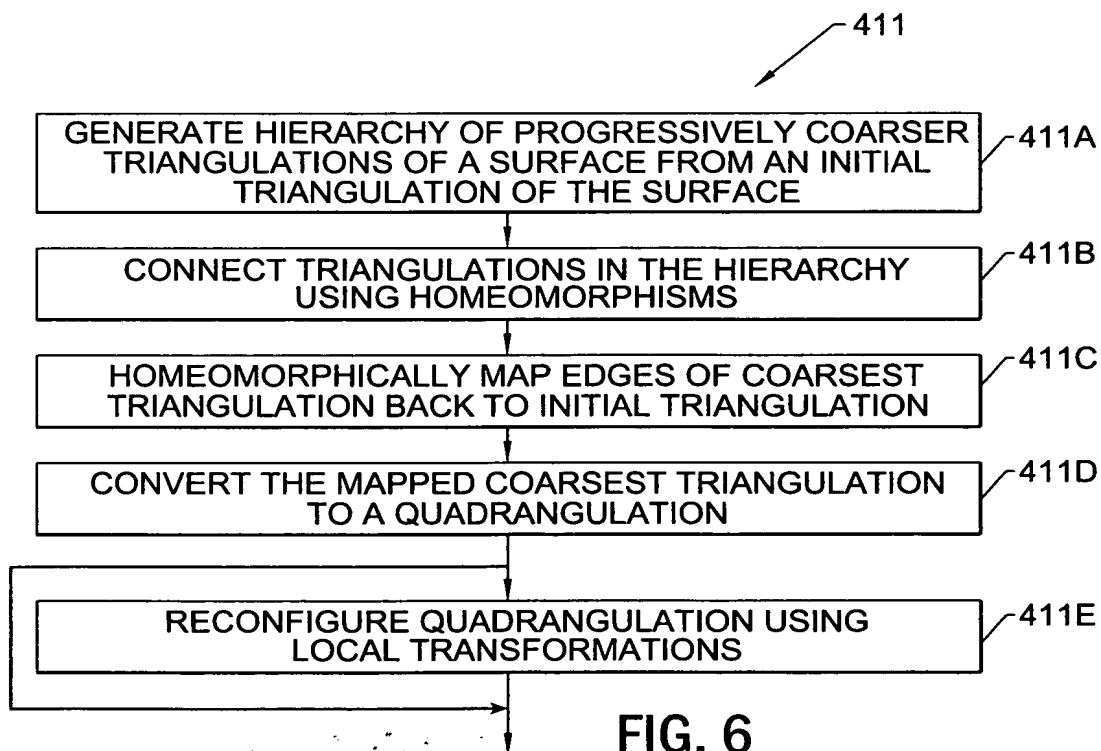


FIG. 6



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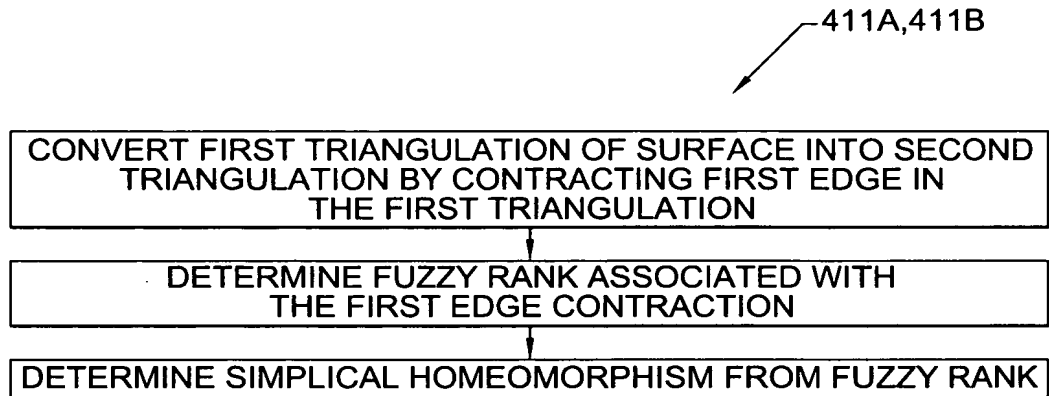


FIG. 7

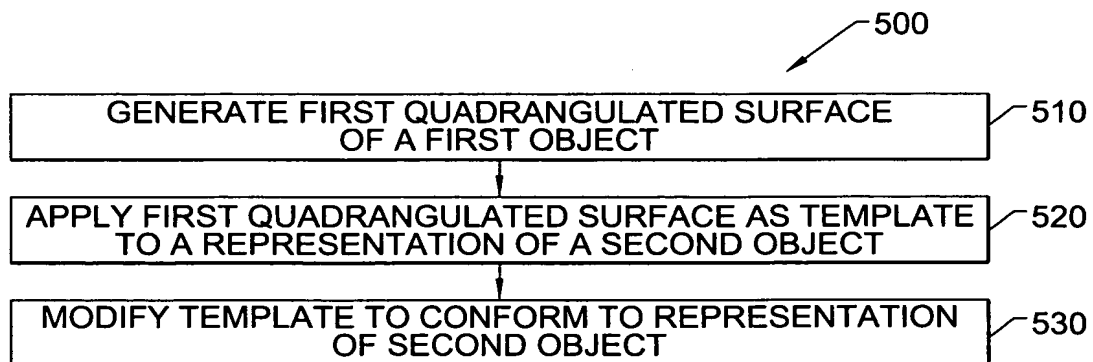


FIG. 8

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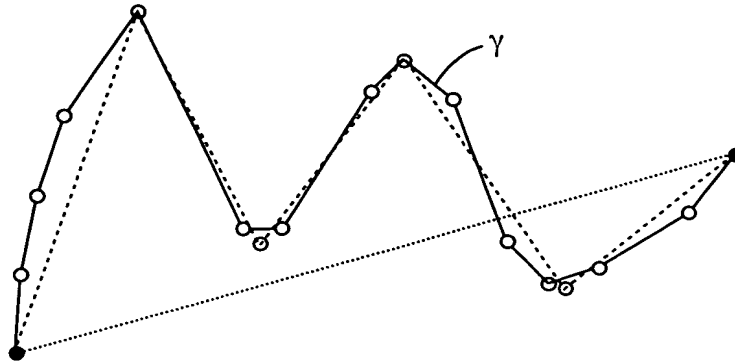


FIG. 9

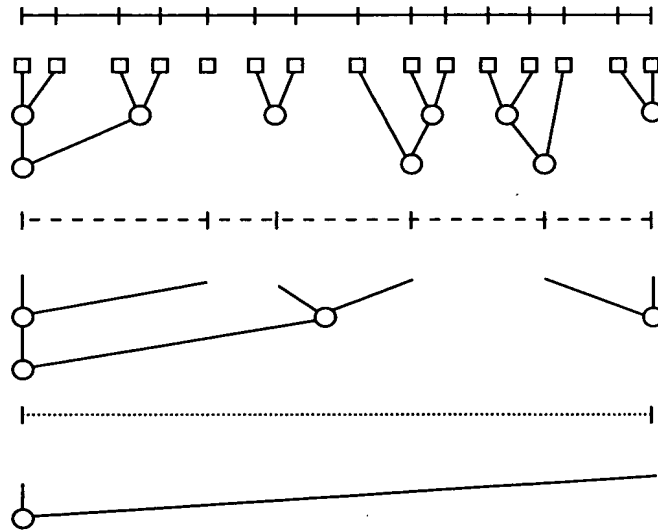


FIG. 10

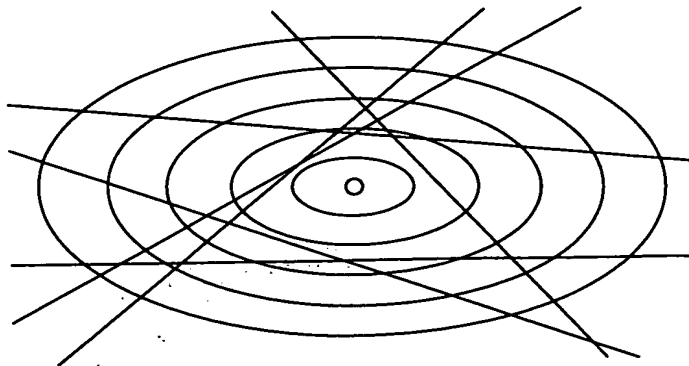


FIG. 11

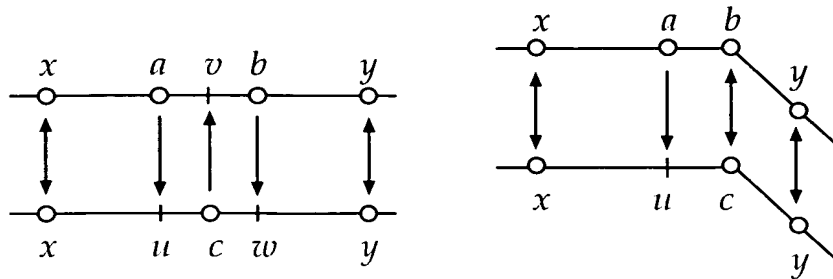


FIG. 12

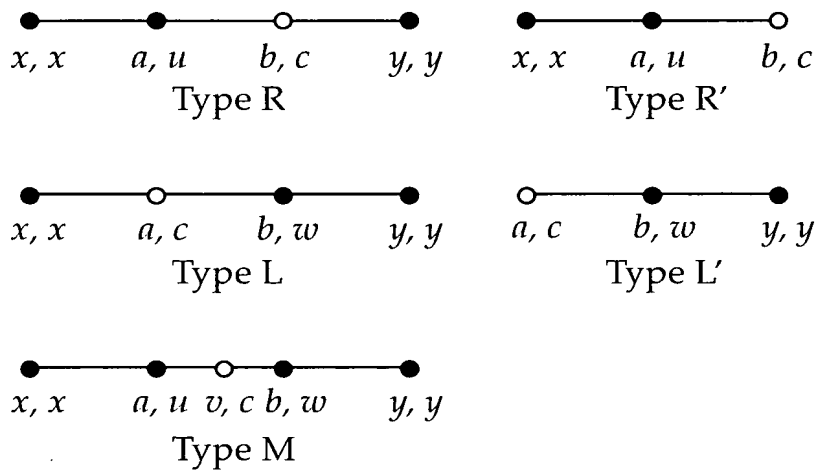


FIG. 13

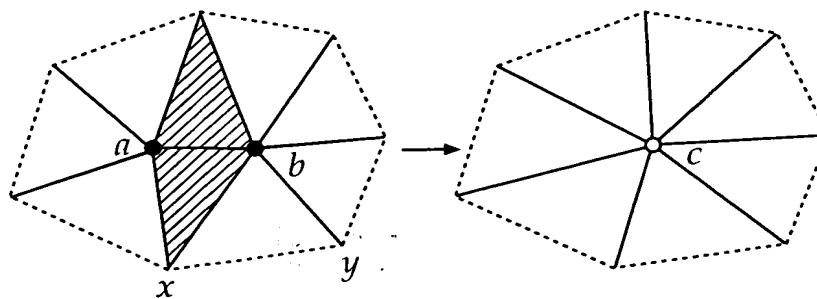


FIG. 14

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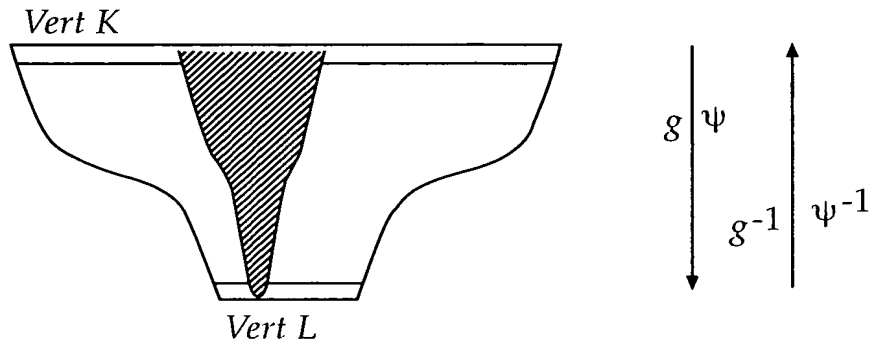


FIG. 15

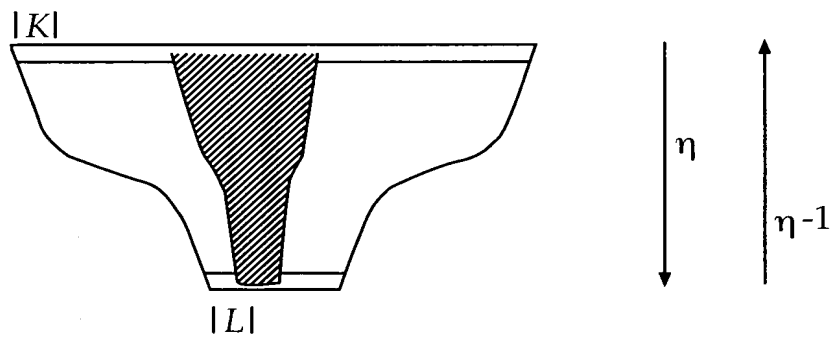


FIG. 16

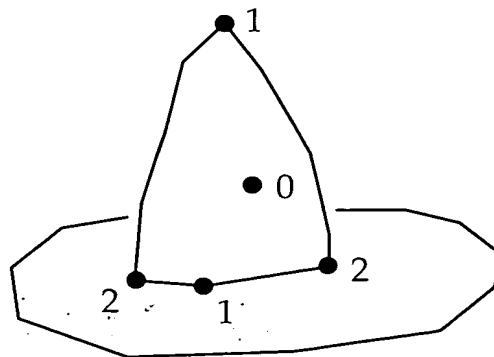


FIG. 17

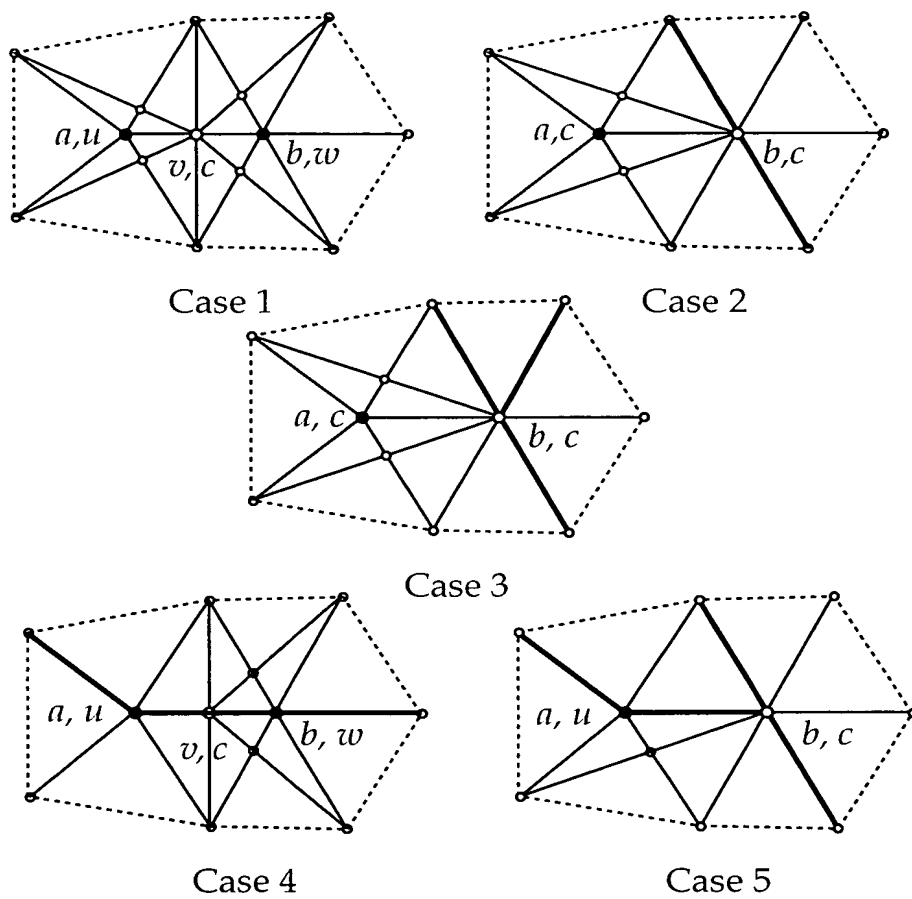
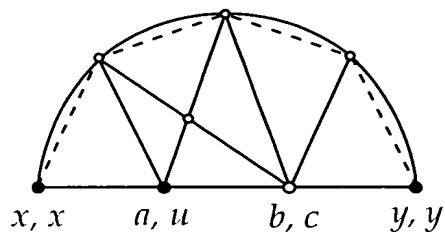
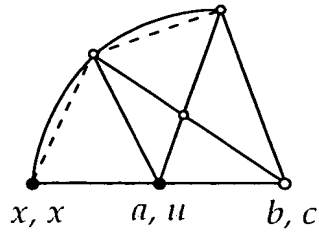


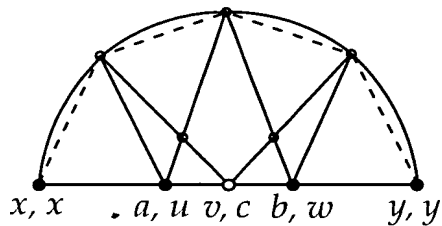
FIG. 18



Type R



Type R'



Type M

FIG. 19

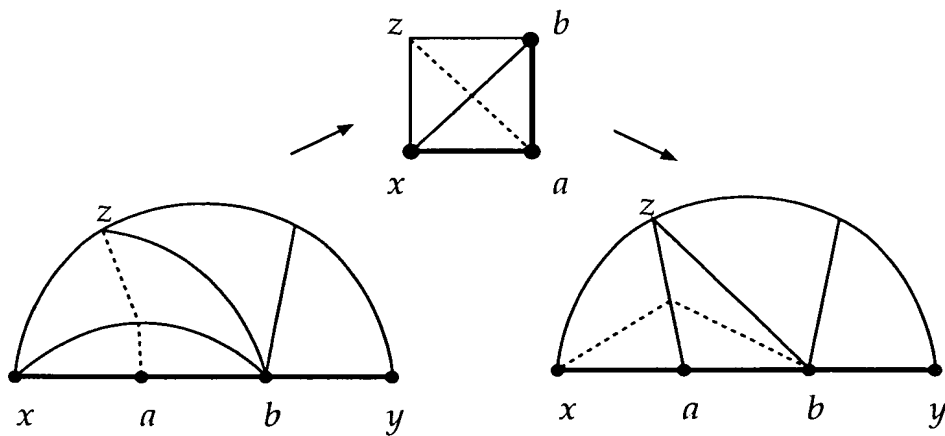


FIG. 20

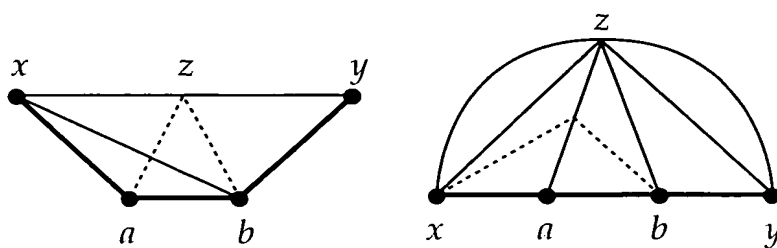
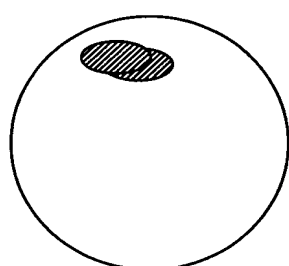
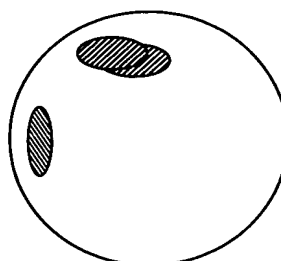


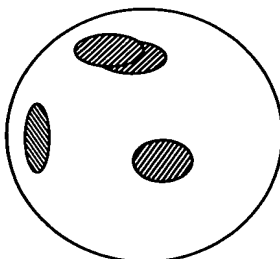
FIG. 21



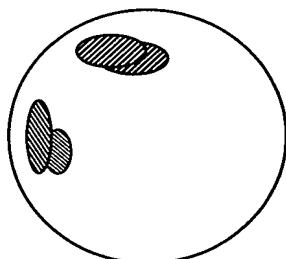
Case 1



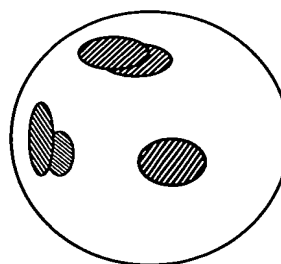
Case 2



Case 3



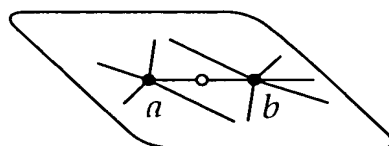
Case 4



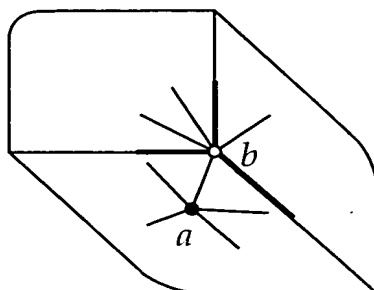
Case 5

FIG. 22

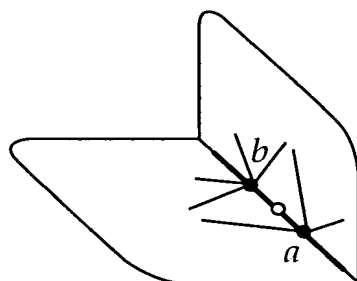
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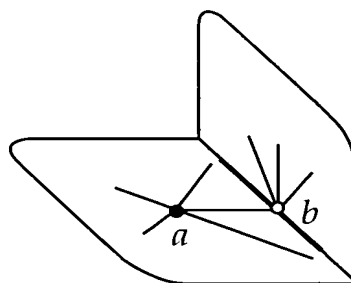
Case 1



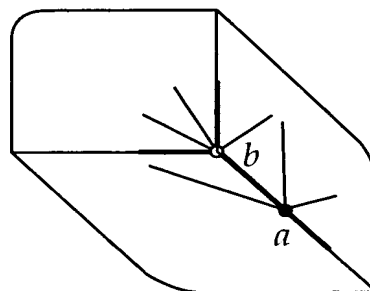
Case 3



Case 4



Case 2



Case 5

FIG. 23

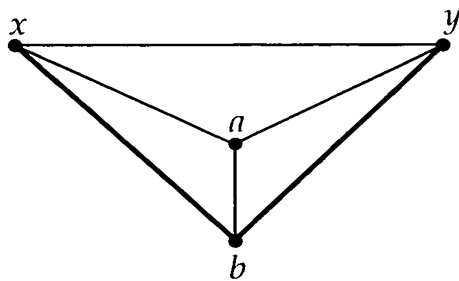


FIG. 24

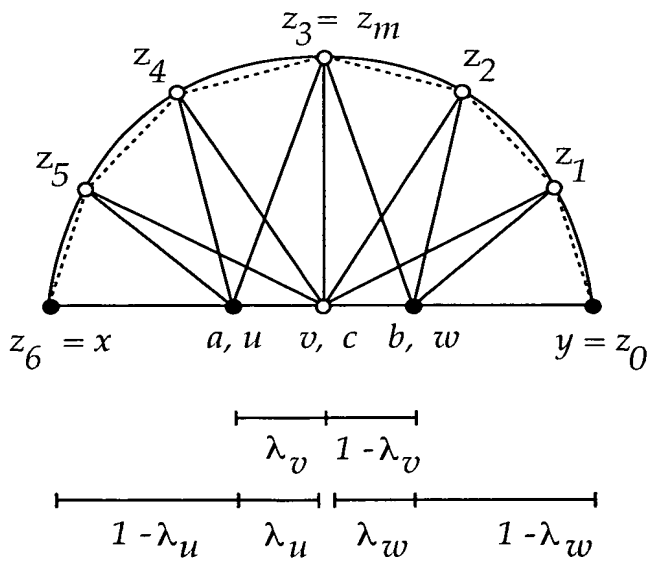


FIG. 25

The diagram shows a large triangle with a complex internal structure. A central point is connected to several other points by solid lines, forming a series of nested triangles. Dashed lines connect some of these points to the vertices of the large triangle, illustrating a geometric construction or proof.

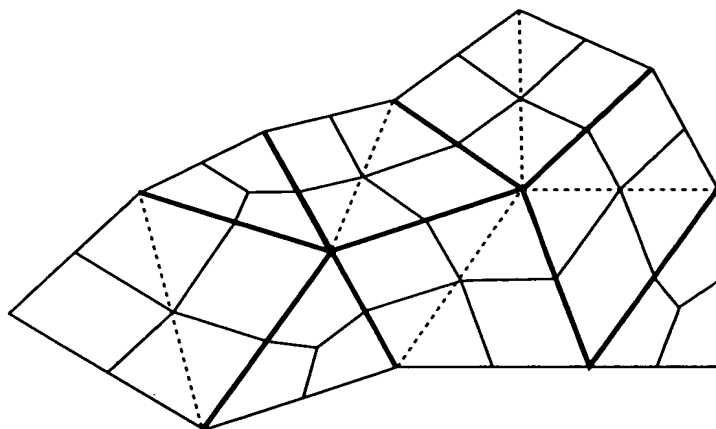


FIG. 28

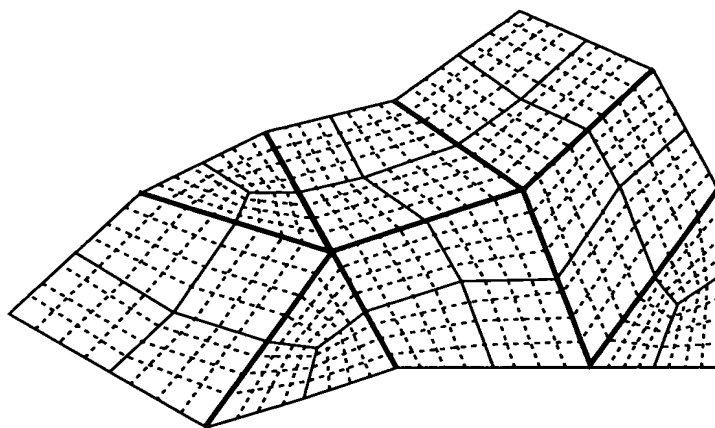


FIG. 29

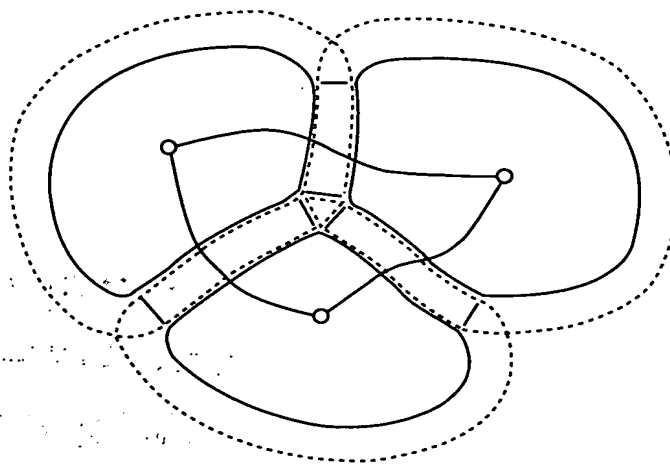


FIG. 30